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Patent
DES

Attorney's Docket No. 017750-546

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Randall J. MURAVEZ)	Group Art Unit: Not Yet Assigned
Application No.: 09/955,151)	Examiner: Not Yet Assigned
Filed: September 19, 2001)	
For: SYSTEM AND METHOD FOR)	
PERIODICALLY ADAPTIVE)	
GUIDANCE AND CONTROL)	

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.


- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [] Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ [] A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: 
Patrick C. Muldoon
Registration No. 47,343

Date: December 18, 2001



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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 4,494,202 to William R. Yueh, January 15, 1985;
U.S. Patent No. 4,533,918 to Alain D. Virnot, August 6, 1985;
U.S. Patent No. 4,823,299 to Jaw J. Chang, April 18, 1989;
U.S. Patent No. 4,954,837 to Charles A. Baird et al., September 4, 1990;
U.S. Patent No. 5,058,836 to Charles I. Nobel, October 22, 1991;
U.S. Patent No. 5,501,413 to Fridbert Kilger et al, March 26, 1996;
U.S. Patent No. 5,507,452 to Joseph R. Mayersak, April 16, 1996;
U.S. Patent No. 5,543,804 to Robert J. Buchler et al., August 6, 1996;
U.S. Patent No. 5,546,309 to William M. Johnson et al., August 13, 1996;
U.S. Patent No. 5,660,355 to Walter K. Waymeyer, August 26, 1997;
U.S. Patent No. 5,788,179 to Dallas C. Wicke, August 4, 1998;
U.S. Patent No. 5,886,257 to Donald E. Gustafson et al., March 23, 1999;

WARREN, R.S., et al., AIAA Paper No. 73-836, AIAA Guidance and Control Conference, Key Biscayne, Florida, August 20-22, 1973.

NESLINE, F. William, et al., "Line-of-Sight Reconstruction for Faster Homing Guidance", Presented as Paper 83-2170 at the AIAA Guidance and Control Conference, Gatlinburg, Tenn., August 15-17, 1983.

ZARCHAN, Paul, "Proportional Navigation and Weaving Targets", Journal of Guidance, Control, and Dynamics, Vol. 18, No. 5, September-October 1995.

ZARCHAN, Paul, "Tactical and Strategic Missile Guidance", Progress in Astronautics and Aeronautics, Vol. 176, Third Edition.

ZARCHAN, Paul, "Weaving Targets", Zarchan, 3rd Edition, Chapter 21.

ZARCHAN, Paul, "Advanced Guidance Laws", Zarchan, 3rd Edition, Chapter 8.

MURZVEZ, Randall, Joseph, "Multiple Model Adaptive Estimation and Prediction with the Harmonically Balanced Kalian Filter Bank", A Thesis Presented to the Faculty of California State Polytechnic University, Pomona - In Partial Fulfillment of the Requirements for the Degree Master of Science in Engineering, 1989.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

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